

ABSTRACT

The present invention relates to a β -catenin oligonucleotide microchip for detecting mutation in the mutational hot spot regions of β -catenin gene, a
5 manufacturing process thereof and a method for detecting the β -catenin mutation employing same, wherein specific oligonucleotides are selectively designed to detect various missense mutations and in-frame deletion at the mutational hot spots of β -catenin gene. The β -catenin oligo chip of the present invention can be used in studies to detect β -catenin mutations and unravel the
10 signal transduction mechanism and tumorigenesis related to β -catenin gene.